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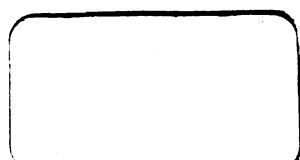
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THE FLORAS OF DIFFERENT COUNTRIES.

BY . .

GEORGE LINCOLN GOODALE,
PROFESSOR OF BOTANY IN HARVARD UNIVERSITY.

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NUMBERS 10, 11, AND 12.

CAMBRIDGE, MASS.:
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Already issued or in preparation :

A Star prefixed indicates they are not yet ready.

1. EDWARD S. HOLDEN. Index-Catalogue of Books and Memoirs on the Transits of Mercury.
2. JUSTIN WINSOR. Shakespeare's Poems: a Bibliography of the Earlier Editions.
3. CHARLES ELIOT NORTON. Principal books relating to the Life and Works of Michel Angelo, with Notes.
4. JUSTIN WINSOR. Pietas et Gratulatio. An Inquiry into the authorship of the several pieces.
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- *7. JAMES M. PEIRCE. References in Analytic Geometry.
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- *10. JUSTIN WINSOR. Halliwelliana: a Bibliography of the Publications of James Orchard Halliwell-Phillipps.

THE FLORAS OF DIFFERENT COUNTRIES.

By G. L. GOODALE, *Professor of Botany.*

The following list comprises the titles of the more important general and special Floras in the University Library. Of course it is impracticable to present in such a catalogue as this the names of the numerous memoirs upon Systematic Botany, published in the proceedings of Societies and in the Journals. This is simply an attempt to answer questions frequently asked respecting the systematic treatises upon the vegetation of different countries. The order is that employed in the second edition of Pritzel's *Thesaurus Literaturæ Botanicae*. The volumes in Gore Hall are marked L.: those at the Herbarium are marked H. in the list.

1. THE FLORA OF AFRICA.

A. SOUTH AFRICA.

LINNÆUS, *Flora Capensis*. Upsal, 1759. 8vo. 19 p. M. A thesis (by Wännman) containing a brief and very general account of the peculiarities of the South African Flora, and a list of plants from the Cape of Good Hope.

THUNBERG. 1. *Prodromus plantarum Capensium*. Upsal, 1794. 8vo. 191 p. L.

2. *Flora Capensis*. Copenhagen, 1818-20. 8vo. 2 volumes, 578 and 852 p. M. This edition extends through the Linnæan class Hexandria.

2a. *Flora Capensis*. Stuttgart, 1823. 8vo. 803 p. M. The Herbarium copy is imperfect; the introduction by Schultes, and all the classes before Dodecandria, are wanting.

SCHLECHTENDAL. *Adumbrationes plantarum*. (Filices Capenses.) 1825. 4to. 56 p., 30 plates. M. This copy contains only the first twenty-three pages.

HARVEY. 1. *The Genera of South African Plants, arranged according to the Natural System*. Cape Town. 1838. 429 p. M. This edition contains the flowering plants, together with the Filices, Mosses, and Algæ.

The second edition, revised by Dr. Hooker in 1868, is also in the Herbarium. This edition does not contain either the Mosses or the Algæ.

2. *Flora Capensis*, "being a systematic description of the plants of the Cape Colony, Caffria, and Port Natal." By Harvey and Sonder. — Vol. i. Ranunculaceæ to Connaraceæ. 1859. 8vo. 546 p. — Vol. ii. Leguminosæ to Loranthaceæ. 1861. 8vo. 621 p. — Vol. iii. Rubiaceæ to Campanulaceæ. 1864. 8vo. 633 p. M.

3. *Thesaurus Capensis, or Illustrations of the South African Flora, being Figures and Brief Descriptions of South African Plants*. — Vol. i. 1859. 8vo. 68 p. 100 plates. — Vol. ii. 1863. 8vo. 68 p., 100 plates. M.

B. WEST AFRICA.

WEBB AND BERTHELOT. *Histoire Naturelle des Isles Canaries*. T. iii. *Phytographia Canariensis*. 1836-50. 4to. 220-496, 479, 208 p. with 288 plates. M.

HOOKE, SIR W. J. *Niger Flora, or an Enumeration of the Plants of Western Tropical Africa*. Collected by Dr. Vogel in 1841; including *Spicilegia Gor-*

gonea, by Webb, and *Flora Nigritiana*, by Dr. J. D. Hooker and George Bentham, 1849. 8vo. 587 p., 52 plates. This work comprises descriptive catalogues of the plants of the Cape de Verd Islands, of the River Niger, the island of Fernando Po, and the adjacent parts of Tropical Africa. M.

LOWE. *A Manual Flora of Madeira and the Adjacent Islands of Porto Santo and the Desertas*. Vol. i., containing the Dichlamydeæ. 1868. 8vo. 618 p. M.

WELWITSCH. *Sertum Angolense*. 1869. 4to. From the Transactions of the Linnæan Society.

C. NORTH AFRICA.

ALPINUS. *De Plantis Aegypti Liber*. 1592. L.

MONTAGUE. *Sur la Phénomène de la Coloration des Eaux de la Mer Rouge*. 1844. 8vo. M.

WEBB. *Fragmenta Florulae Aethiopico-Aegypticae*. 1854. 8vo. 7½ p. M.

COSSON. 1. *Sertulum Tunetanum*. 1857. 8vo. 66 p. M.

2. *Considérations générales sur l'Algérie, étudiée surtout au point de vue de l'Acclimatation*. 1863. M.

KOTSCHY. *Plantae Tinneanae; a Description of Plants Collected near the River Bahr-el-Ghasal*. 1867. M.

OLIVER. *Flora of Tropical Africa*. — Vol. i. Ranunculaceæ to Connaraceæ. 1868. 8vo. 479 p. — Vol. ii. Leguminosæ to Ficoideæ. 1871. 613 p. M. — Vol. iii. Umbelliferæ to Ebenaceæ. 1877. 544 p. M.

BOSSIER. *Flora Orientalis. A Description of the Plants of Greece, Egypt, and the East; as far as India*. 8vo. — Vol. i. 1017 p. — ii. 1169 p. — iii. 1083. — The first fascicle of vol. iv. (280 pages). M.

D. EAST AFRICA.

DU PETIT THOUARS. *Histoire des Végétaux recueillis dans les Isles Australes d'Afrique*. 1806. 4to. 72 p. 24 plates. M.

BOJER. *Hortus Mauritanicus, ou Énumération des Plantes exotiques et indigènes qui croissent à l'île Maurice*. 1837. 8vo. 456 p. M.

BAKER. *Flora of Mauritius and the Seychelles, a Description of the Flowering Plants and the Ferns of those Islands*. 1877. 8vo. 557 p. To this Flora are added general remarks on the physical geography and botany of the islands, and the outlines of

botany, taken from Mr. Bentham's British and Colonial Floras. xl. p. **H.**

OLIVER. *The Botany of the Speke and Grant Expedition, an Enumeration of the Plants Collected during the Journey of the late Capt. J. H. Speke and Lieut.-Col. J. A. Grant from Zanzibar to Egypt.* 1876. 4to. 190 p., 188 plates. From Trans. Linnæan Society, London. **H.**

*• In the College Library, the department of Travel contains many works upon Africa, like those of Le Vailant, Burchell, and others, in which the plants met with are briefly described.

FLORA OF AMERICA.

A. SOUTH AND CENTRAL.

MONARDES. *Simplicium medicamentorum ex novo orbe delatorum, quorum in medicina usus est, historia.*

The second Latin translation by Clusius from the Spanish. Antwerp. 1579. 12mo. 87 pp., with woodcuts. **H.**

PLUMIER. *Description des plantes de l'Amerique avec leurs figures.* Paris. 1693. fol. 94 p. 108 plates. **H. L.**

Nova plantarum Amer. genera. Paris. 1703. 4to. 52 p. (containing also *Catalogus plant. Amer. p. 21.*) **H. L.**

Plantarum Amer. fasciculus 1(-x). Amst. 1755-60. fol. 262 p. 262 plates. **L.**

SLOANE. *A voyage to the Islands of Madera, Barbadoes, Nieves, St. Christophers and Jamaica, with the Natural History of the herbs and trees, four-footed beasts, fishes, birds, insects, reptiles, &c., of the last of those islands.* London. 1725. fol. 2 vols. Introduction cliv., 264 and 499, with many plates.

JACQUIN, N. J. *Enumeratio systematica plantarum.* Nuremberg. 1762. A short list of plants found in islands of the Caribbean Sea, and tropical America. **H.**

Selectarum stirpium Amer. historia. Vienna. 1780. large folio. 137 p. 264 plates. A description of the rarer plants growing in Martinique, Jamaica, and Domingo. **L.** The earlier edition is in the Herbarium Library.

AUBLET. *Histoire des plantes de la Guiane française.* Paris. 1775. 4to. 4 vols. 392 plates. This work contains many papers of general interest, respecting the cultivation of plants in French Guiana. **H.**

HOUSTON, W. *Reliquiae Houstonianae;* Nuremberg. 1794. 8vo. 24 p. 15 plates. An account of the plants collected by Houston in Tropical America. **H. L.**

SWARTZ, Olaf. *Nova Genera et Species plantarum.* Upsal. 1788. 8vo. A description of the West Indian plants collected by Swartz in 1782-7. 8vo. 162 p. **H.**

Observationes botanicae. Erlangen. 1791. 8vo. 424 p. **H.**

Icones plantarum incognitarum. Erlangen. 1794. fol., fasc. 1. 18 plates. **H.**

Flora Indiæ occidentalis. Erlangen. 1797-1806. 8 vols. **H.** The three works last mentioned are devoted to the flora of the West Indies.

Adnotationes botanicae quas reliquit Olaf Swartz. Norstedt. 1829. 188 p. 4 plates. **H.**

This posthumous work, edited by Wikström, contains biographies of Swartz by Sprengel, and by Agardh.

RUİZ and PAVON. *Floræ peruvianae et chilensis Prodrum.* Madrid. 1794. folio. 163 p. 37 plates. **L.**

Quinologia. Madrid. 1792. 4to. 108 p. **H.** A description in Spanish of the species which yield Peruvian bark. The library at Gore Hall contains several other Spanish treatises by Ruiz, upon certain medicinal plants.

VAHL. *Eclogæ americanæ.* Copenhagen. 1796-1807. Folio in three parts. Plants of tropical America.

Icones illustrationi plant. amer. 30 plates to illustrate the former work. Copenhagen. folio. 1798-9. Both of these are in the Herbarium Library.

HUMBOLDT and BONPLAND. *Essai sur la géographie des plantes.* Paris. 4to. 1805. 155 p. Relating chiefly to plants of tropical countries. **L.** *Plantæ equinoctiales.* Paris. 1805-1818. Folio, about 200 plates. The plants of Mexico, Central America, and the northern part of South America. **H.**

HUMBOLDT, BONPLAND, and KUNTH. *Nova genera et species plantarum.* Paris. Folio. 7 vols. 1815-1825. **L.**

SAINT-HILAIRE. *Plantes usuelles des Brasiiliens,* Paris, 1824, 4to 298 p. 70 plates. Of this work, the Herbarium has only the first 5 plates and the accompanying text.

POEPPIG and ENDLICHER. *Nova genera et species plantarum in regno Chilensi, Peruviano, et in terra Amazonica lectarum.* Leipsic, 1835-45; fol. 3 vols. The last volume by Poeppig alone. **H.**

MARTIUS VON, and ZUCCARINI. *Nova genera et species plantarum quas in itinere per Brasiliam annis 1817-20 suscepto collegit et descripsit.* Munich, 1824-32, fol.

The Herbarium copy of the 800 uncolored plates is not accompanied by the text.

2. *Herbarium Floræ Brasiliensis,* Munich, 1837. 8vo. 352 p. **H.**

3. *Flora Brasiliensis, sive Enumeratio plantarum in Brasilia hactenus delectarum, quas suis aliorumque botanicorum studiis descriptas et methodo naturali digestas ediderunt C. F. Philippus de Martius eoque defuncto successor Augustus Guilelmus Eichler.* Opus cura Musei C. R. Pal. Vindobonensis auctore Stephano Endlicher, successore Eduardo Fenzl conditum. Leipsic. 1840. fol. max., continued at the present time. This magnificent Flora is in great part supported by the patronage of the Emperor of Austria, the King of Bavaria, and the Emperor of Brazil. The fascicles formerly appeared at longer and more irregular intervals than at present. The last fascicles are between the numbers 70 and 80. **H. and L.**

BATEMAN. *The Orchidaceæ of Mexico and Guatemala.* London. 1837-43. fol. eleph. 40 colored plates.

BENTHAM. *Plantæ Hartwegianæ imprimis Mexicanæ.* London. 1839-46. 8vo. A descriptive catalogue of plants collected chiefly in Mexico, by Hartweg, together with a list of plants collected by Graham. **H.**

MIERS. *Illustrations of South American plants.* London. 1846-47. 4to. **H.**

2. *Contributions to Botany.* London. 1851-71. 8vo.

SEEMANN. *Botany of the voyage of the Herald.* London. 1852-57. 4to. (Gives a sketch of the flora of Panama, and of North West Mexico.) **H.**

GRISEBACH. 1. *Systematische Bemerkungen über die beiden ersten Pflanzensammlungen Philippis und Sechler's im südlichen Chili und an der Maghiellans-*

Strasse. Göttingen. 1854. 50 pp., with a note by Hofmeister upon the structure of the fruit of *Lepidoceras*. **H.**

2. Systematische Untersuchungen über die Vegetation der Karaiben, insbesondere der Insel Guadeloupe. Göttingen, 1857. p. 138. **H.**

3. Erläuterungen ausgewählter Pflanzen des tropischen Amerikas. Göttingen, 1860. p. 58. **H.**

4. Flora of the British West India Islands. London. 1864. 8vo.

H. In the Herbarium there are also Grisebach's notes on Wright's Cuban Plants, and his memoir on the geographical distribution of West Indian Plants.

5. Plantæ Lorentzianæ. Göttingen, 1874. 4to. p. 231.

Professor Grisebach's account of plants collected in the Argentine Republic by Professor Lorentz of Cordova. **H.**

GRISEBACH. Die geographische Verbreitung der Pflanzen Westindiens. Göttingen. 1865. 4to. 80 p. **H.**

Catalogus plantarum Cubensium. Leipsic. 1866. 8vo. 301 p. **H.**

JAMESON, William. Synopsis plantarum Æquatoriensium. Quito. 1865. 12mo. This work contains descriptions in Latin of the West Coast plants in the orders from *Ranunculaceæ* to *Labiata* inclusive.

PICKERING, C. Distribution of animals and plants. Containing lists of South American plants. Salem. 1876. 4to. **H.**

In the Lowell Library at the Herbarium are the following works not enumerated in the previous list:—

BROWNE, Patrick. The Civil and Natural History of Jamaica. London. 1789. fol. 603 p. 50 plates.

DESCOURTILZ. Flore pittoresque médicale des Antilles. Paris. 1821. 8 vols. 8vo.

MACFADYEN. The Flora of Jamaica. London. 1837. 8vo. Vol. 1. 351 p. *Ranunculaceæ* to *Leguminosæ*.

RUIZ and PAVON. Flora Peruviana et Chilensis. Madrid. 1798. Vol. 1-3.

Floræ Peruvianæ et Chilensis prodrômus. Madrid. 1794. (Also at Gore Hall).

SAINT-HILAIRE. Flora Brasiliæ Meridionalis. Paris. 1825. 4to. Through *Myrtaceæ*.

B. NORTH AMERICA.

The arctic floras will be given separately: some references to Mexican floras have been made in the preceding section.

MONARDES. See previous section.

CORNUTI. Canadensium plantarum aliarumque nondum editarum historia. Paris. 1635. 4to. 238 p. **H. L.**

JOSSelyn. New England's Rarities discovered in Birds, Beasts, Fishes, Serpents and Plants of that country. London. 1672. The reprint, edited by Professor Edward Tuckerman, contains an interesting account of some of the early American herbalists. In the notes, Professor Tuckerman has embodied many of the earlier descriptions of the native New England plants. **H. L.**

CUTLER. An account of some of the vegetable productions, naturally growing in this part of America, botanically arranged. From Mem. Am. Academy, I. 396-493. 1785. 4to. **H.**

GRONOVIVS. Flora Virginica. Leyden. 1739-43. **H.**

A second edition, 1762, is also in **H.**

CATESBY. Hortus Europæ americanus, or a collection of 85 curious Trees and Shrubs, the produce of North America. London. 1767. fol. 41 p. and 7 plates containing 68 figures. **H.**

FORSTER. Flora Americæ Septentrionalis, or a catalogue of the plants of North America. London. 1771. 8vo. 51 p. **L.**

MARSHALL, Humphry. Arbustum Americanum, the American Grove, or an alphabetical catalogue of forest trees and shrubs, natives of the American United States. Philadelphia. 1785. 8vo. 174 p. **L. H.**

The French translation, edited by Lesermes, is in the Herbarium Library.

WALTER. Flora Caroliniana. London. 1788. 8vo. 263 p. 1 plate.

BARTRAM. Travels through North and South Carolina, Georgia, East and West Florida, etc., containing an account of the soil and natural productions of those regions. Philadelphia. 1791. 8vo. 520 p. 8 plates.

MICHAUX, André. Histoire des chênes de l'Amérique. Paris. 1801. fol.

Flora boreali-americana. Paris. 1803. 8vo. **H. L.** In Pritzels's Thesaurus this work is credited to L. C. Richard, who described the species detected by Michaux.

MICHAUX, François André. Histoire des arbres forestiers de l'Amérique Septentrionale. Paris. 1810. 8 vol. **H. L.**

An English translation by Hillhouse was published in Philadelphia, in 1817. Of this work, entitled The North American Sylva, the Herbarium has a very incomplete copy. An edition published in Philadelphia in 1842, was supplemented by three volumes by Thomas Nuttall, and is generally known as Michaux and Nuttall's North American Sylva.

BIGELOW. Florula Bostoniensis. A collection of plants of Boston and its vicinity, with their generic and specific characters, principal synonyms, descriptions, places of growth and time of flowering, and occasional remarks. Boston. 1814. 8vo. 268. **H. L.** The second edition is in **L.**, the third in **L. H.**

American Medical Botany, being a collection of the native medical plants of the United States. Boston. 1819-1821.

PURSH. Flora Americæ Septentrionalis, or a systematic arrangement and description of the plants of North America. London. 1814. 8vo. **L. H.**

RAFINESQUE. The Herbarium has the following systematic works of this eccentric author:—

Florula Ludoviciana, or a Flora of the State of Louisiana. This is an annotated translation of the Flore Louisianne by Robin published in the third volume of his Voyages. New York. 1817. 8vo. 178 p.

Medical Flora; or, Manual of the Medical Botany of the United States of North America. 2 vols. Philadelphia. 1828-30. 8vo. 268-278 p. 100 plates.

Flora Telluriana. Pars secunda. Philadelphia. 1836.

Sylva Telluriana. Mantissa Synoptica. Philadelphia. 1838.

New Flora of North America. Philadelphia. 1836. Parts First, Third, and Fourth.

Autikon Botanikon. Part First. Philadelphia. 1840.

MUEHLEBERG. Descriptio uberior graminum et Calamariarum Americæ Septentrionalis. Philadelphia. 1817. 8vo. M.

EATON, AMOS. Manual of Botany for North America, containing generic and specific descriptions of the indigenous plants and common cultivated exotics, growing north of the Gulf of Mexico. Albany. There are several editions in the Herbarium, and at Gore Hall.

NUTTALL. The Genera of North American Plants and a catalogue of the species to the year 1817. Philadelphia. 1818. 2 vols. M.

BARTON. A Flora of North America. Philadelphia. 1820-3. 4to. 3 vols. 106 plates. L.

ELLIOT. A Sketch of the Botany of South Carolina and Georgia. Charleston. 1821-4. 2 vols. 606 p. 743 p. M.

TORREY. Flora of the Northern and Middle Sections of the United States. New York. 1824. 8vo. 513 p. Only one volume was published, comprising the Linnean classes I.-XII. M.

And ASA GRAY. A Flora of North America, containing abridged descriptions of all the known indigenous and naturalized plants growing north of Mexico. New York. 1838-43. (*Ranunculaceæ Compositæ*.)

TORREY. A Flora of the State of New York, comprising full descriptions of all the indigenous and naturalized plants hitherto discovered in the State, with remarks on their economical and medicinal properties. New York. 1843. In two volumes, being part second of The Natural History of New York. L. H.

Dr. Torrey's numerous works upon the plants of the West are to be found both at the Herbarium and at Gore Hall.

DARLINGTON. Florula Cestrica. West Chester. 1820. 152 p.

The second edition called Flora Cestrica (1837), and the third (1853), are in the Herbarium. Agricultural Botany. Philadelphia. 1847.

HOOKE, W. J. Flora boreali-americana, or the Botany of the Northern parts of British America. London. 1833-40. 2 vol. 4to. M. L.

GRAY. Nearly all of Professor Gray's monographs and general treatises are both at the Herbarium, and at Gore Hall. His systematic work last published is the Synoptical Flora of North America. New York. 1878. Vol. 2. Pt. 1. "This volume commences where the Flora of North America by Torrey and Gray stopped, thirty-five years ago, namely at the close of the great order of *Compositæ*; and the present part comprises the remaining *Gamopetalæ*." M. L.

The first edition of Gray's Manual of the Botany of the Northern United States was published in 1843; the fifth in 1867.

DARBY. Botany of the Southern States. New York. 8vo. 1855. M.

CHAPMAN. Flora of the Southern United States, containing abridged descriptions of the flowering plants and ferns of Tennessee, North and South Carolina, Georgia, Alabama, Mississippi, and Florida. New York. 1860 (second edition 1865). L. H.

WOOD, A. A Class Book of Botany. The second part contains The Natural Orders: illustrated

by a Flora of the Northern, Middle, and Western States. Several editions have been published.

The Botanist and Florist. New York. small 8vo.

WATSON, S. Botany of the Fortieth Parallel. Washington. 1871. 4to. 525 p. This, the fifth volume of Reports of the Geological Exploration of the Fortieth Parallel, contains descriptions of the plants of Northern Nevada and Utah, in which the chief work of the Survey was conducted. It also deals with the plants of the arid western plains beyond the limits above mentioned. L. H.

BREWER, WATSON, GRAY. The Botany of California. Cambridge. 1876. 4to. 628 p. Vol. 1. This volume, uniform with the publications of the Geological Survey of the State of California, comprises the *Polyptelæ* by Brewer and Watson, and the *Gamopetalæ* by Asa Gray. L. H.

FLORA ARCTICA.

OEDER. Flora Danica. Icones plantarum sponte nascentium in regnis Danicæ et Norvegiæ. Vol. I.-XVI. with supplement. fol. 1766-1871. Lowell Library, at the Herbarium.

BROWN, Robert. Chloris Melvilliana. A list of plants collected in Melville Island (lat. 74°-75° N. long. 110°-112° W.) in the year 1820 by the officers of the Voyage of Discovery under the orders of Capt. Parry. Republished in Brown's Miscellaneous Botanical works. M.

ROSS. A Voyage of Discovery made under the orders of the Admiralty, in his Majesty's ships Isabella and Alexander, for the purpose of exploring Baffin's Bay, and inquiring into the probability of a Northwest passage. London. 1819. 4to. p. 252. Contains in the appendix, Brown's list of the plants collected.

RICHARDSON. Botanical Appendix to Captain Franklin's narrative of a Journey to the Shores of the Polar Sea. London. 1823. 4to. 40 p.

HOOKE, W. J. & Walker-Arnott. The Botany of Captain Beechey's Voyage, comprising an account of the plants collected by Messrs. Lay and Collie, and other officers of the Expedition during the voyage to the Pacific, and Behring's Strait, in his Majesty's ship Blossom, 1825-28. 4to. 485 p. 94 plates. L. H.

SEEMANN. The Botany of the Voyage of H. M. S. Herald, under the command of Capt. Henry Kellett, during the years 1845-51. London. 4to. 483 p. 100 plates.

The first part is devoted to the Flora of Western Esquimaux-land.

HOOKE, W. J. Flora boreali-Americana, in foregoing list.

HOOKE, J. D. Flora Antarctica. 1844-47. 574 p. 198 plates.

VON TRAUTVETTER, E. R. Reise in den äussersten Norden und Osten Sibiriens. von Middendorf. Vol. 1. 2d part. Sect. 1. Phanogame Pflanzen aus dem Hochnorden. Petersburg. 1847. 4to. 190 p.

VON TRAUTVETTER and MEYER. Florula Ochotensis phanogama. 133 p.

VON TRAUTVETTER. Conspectus Floræ insularum Nowaja-Semla. 8vo. 46 p.

ROTHEROCK. Flora of Alaska. Report of Smithsonian Institution for 1867.

FLORA OF ASIA.

1. SOUTHERN ASIA.

VAN RHEEDE TOT DRAAKENSTEIN. Hortus indicus malabaricus. Amsterdam. fol. 12 vol. Of these the Herbarium library has one complete copy, and an imperfect one.

BURMAN (Johannes). Thesaurus Zeylanicus. Amsterdam. 1737. 4to. 235 p. 110 plates. L.M.

RUMPF. Herbarium Amboinense. Amsterdam. 1741-55. fol. 6 vol. M. L.

ROXBURGH. Flora indica. Serampore. 1832. 8vo. 3 vols. M.

BLUME and FISCHER. Flora Javæ necnon insularum adjacentium. Brussels. 1828. fol.

BLUME. Rumphia. Leyden. 1835-46. fol. 4 vols., containing accounts of the more important plants, of economic value, growing in the islands of the Indian Archipelago.

BENNETT, J. J. Plantæ javanicæ rariores descriptæ iconibus illustratæ, quas in insula Java annis 1802-18, legit et investigavit Thomas Horsfield. London. 1838. 4to. In this are notes upon structure and affinities added by Robert Brown.

WIGHT. Icones plantarum Indiæ orientalis. Madras. 1838-51. 4to. 5 vols., with supplementary vol.

GRIFFITH. Many of the memoirs, and the posthumous papers. M.

ROYLE. 1. Essay on the productive resources of India. London. 1840. 8vo. L.

2. Illustrations of the Botany of the Himalayan mountains. fol. 2 vols. M.

HOOKE, J. D. Himalayan Journals, or Notes of a Naturalist in Bengal, the Sikkim and Nepal Himalayas, the Khasia mountains. London. 1854. 8vo. 2 vols., with maps and illustrations, pp. 408 and 487. M.

MIQUEL. Flora Indiæ Batavæ. Amsterdam. 1855-59. 8vo. 3 vols., of Latin descriptions of genera and species of Phanerogamia of the Dutch East Indies.

MIQUEL. First supplement to the foregoing work. Flora of Sumatra, with notes in the Dutch language, chiefly upon the plants of economic interest. M.

HOOKE, J. D. and THOMSON. Flora Indica. London. 1855. 8vo. Vol. I. *Ranunculaceæ* to *Fumariaceæ*. With an introductory essay. Not finished; subsequently merged in next. M.

HOOKE, J. D. The Flora of British India. London. 1875-78. 8vo. Parts I.-V. *Ranunculaceæ-Myrtaceæ*. This flora comprises descriptions of the flowering plants found in British India, Kashmir and Western Tibet.

The Outlines of Botany from Mr. Bentham's British and Colonial Floras, and an index to the terms therein contained are given in Part I. M.

* In the remainder of the list all titles which are not otherwise designated, are of works in the Herbarium

Library. Botanical notes in records of travel (see REUPPEL, NIEBUHR, BOTTA), and many general works like those of KITTO are not further spoken of in the following lists.

2. WESTERN ASIA (ASIA MINOR).

KURZ. Forest Flora of British Burma. 1877. 8vo.

FORSKAL. Flora aegyptiaco-arabica, sive descriptiones plantarum quas per Aegyptum inferiorem et Arabiam felicem detexit. Post mortem auctoris edidit Carsten Niebuhr. Copenhagen. 1775. 219 p.

CHOIZY. I. Convolvulaceæ orientales, nempe indicæ, napaulenses, birmanicæ, chinenses, japonicæ, necnon et quædam australasicæ, etc. Geneva. 1884. 4to. 120 p., with plates.

II. De convolvulaceis dissertatio secunda. Geneva. 1885.

JAUBERT and SPACH. Illustrationes plantarum orientalium ou choix de plantes nouvelles ou peu connues de l'Asie occidentale. Paris. 1842-57. Copy in M. is incomplete.

FENZL. I. Pugillus plantarum novarum Syriæ et Tauri occidentalis primus. Vienna. 1842. 8vo. 18 p.

II. Illustrationes et descriptiones plantarum novarum Syriæ et Tauri occidentalis. Stuttgart. 1848. 8vo. 84 p. M. Also another copy with this title: Abbildungen und Beschreibungen neuer und seltener Thiere und Pflanzen in Syrien und in westlichen Taurus gesammelt von Theodor Kotschy. Herausgegeben von Fenzl, Heckel, und Redtenbacher. Stuttgart. 1843-49. 8vo.

BOISSIER. Flora Orientalis, sive Enumeratio plantarum in Oriente a Græcia et Ægypto ad Indiæ fines hucusque observatarum auctore Edmond Boissier. Basel and Geneva. 1867. 8vo. Vol. 1, Thalamifloræ; Vol. 2, Calycifloræ Polypetalæ; Vol. 3, Calycifloræ Gamopetalæ; Vol. 4, part 1, Earlier orders of Corollifloræ.

PAINE. Catalogue of plants collected in Eastern Palestine. 1873. 8vo.

3. NORTHERN ASIA.

GMELIN. Flora Sibirica. St. Petersburg. 1747-69. 4to. 4 vols.

LEDEBOUR and MEYER and BUNGE. Flora Altaica. Berlin. 1829-33. 8vo. 4 vols. With Linnæan classification.

BUNGE. Supplement to this. M.

TURCHANINOW. Flora baicalensi-dahurica, seu descriptio plantarum in regionibus cis- et transbaicalensibus, atque in Dahuria sponte nascentium. Moscow. 8vo. 1842-1856.

TRAUTVETTER. Phaenogame pflanzen aus dem Hochnorden. Being part 2 of Vol. 1 of MIDDENDORFF's Sibirische Reise. St. Petersburg. 1847. 4to. In the appendix are explanations and observations concerning the plants of the Taimyr region.

TRAUTVETTER and MEYER. Florula ochotensis phaenogama. St. Petersburg. 1856. 4to. 133 p.

REGEL. I. Tentamen floræ ussuriensis, oder Versuch einer Flora des Ussuri-gebietes. St. Petersburg. 1861. 4to. 228 p. 12 plates.

II. Flora der Gebiete des Russischen reichs oestlich vom Altai bis nach Kamtschatka und dem Russischen Nord-Amerika. Moskow. 1861-1862. The Monopetalæ published in 1864-73 by HERDER; all based upon Radde's exploration under the auspices of the Imperial Geographical Society of Russia.

III. and HERDER. Enumeratio plantarum in regionibus cis- et transiliensibus a cl. Semenovio anno 1857 collectarum. Moskow. 1864-69. 8vo.

RUPRECHT. Flora Caucasi. Pars prima. Petersburg. 1869. 4to. IV. 802 p. 6 plates. *Ranunculaceæ-Vitaceæ*.

4. EASTERN ASIA.

KAEMPFER. Amoenitatum exoticarum politico-physico-medicarum fasciculi v.

The fifth fasciculus is devoted to descriptions of plants of Japan.

THUNBERG. Flora Japonica. Leipzig. 8vo. 1784. 419 p. With an appendix containing identifications of the plants described by Kaempfer in his fifth book. H. L.

LOUREIRO. Flora cochinchinensis, sistens plantas in regno Cochinchina nascentes, quibus accedunt aliæ observatæ in Sinensi imperio, etc. Ulyssipoue. 1790. 4to. 2 vols. 744 p. The Herbarium has also the edition published in 1793.

SIEBOLD and ZUCCARINI. Flora Japonica, sive Plantæ quas in imperio japonico collegit, descripsit, ex parte in ipsis locis pingendas curavit. Leyden. 1835. fol. 44 p.

BEANCO. Flora de Filipinas. Segun el sistema sexual de Linneo. Manila. 1887. 8vo. 887 p. Also edition II. 619 p.

SEEMAN. Botany of the voyage of the Herald. London. 1862-7. 4to. Pages 847-432 contain the Flora of the Island of Hongkong.

GRAY, ASA. I. Account of the botanical species collected in the Expedition of the American squadron to the China Seas and Japan, performed in the years 1852-54, under the command of Commodore M. C. Perry. Washington. 1856. 4to. Vol. 2. pp. 302-332.

II. Botany of the United States Expedition during the years 1838-42, under the command of Charles Wilkes, U. S. N. Phanerogamia. Philadelphia. 1854. 4to. 777 p. 100 plates in folio.

BENTHAM. Flora Hongkongensis: a description of the flowering plants and ferns of the Island of Hongkong. With a map of the island. London. 1861. 8vo. To this is prefixed Mr. Bentham's "Outlines of Botany," with special reference to local floras.

MIQUEL. Prolusio Floræ Japonicæ. Amsterdam. 1865-67. fol.

The Herbarium Library has also Miquel's memoir upon the character and origin of the Japan Flora.

MAXIMOWICZ. Synopsis plantarum novarum Japoniæ et Mandchuriæ. St. Petersburg. 1866-78. 8vo.

FRANCHET and SAVATIER. Enumeratio plantarum in Japonia sponte crescentium. *Ranunculaceæ-Filices*. Paris. 1875-77. 8vo.

SAVATIER. A French translation of Kwa-wi. Japanese botany. Paris. 1873. 8vo.

FLORA OF OCEANICA.

BROWN, R. I. Prodrum Floræ Novæ Hollandiæ et insulæ Van Diemen. Vol. 1. London. 1810. 8vo. 592 p.

The Herbarium has also the wretchedly printed edition of 1821.

II. General remarks geographical and systematical on the Botany of Terra Australis. London. 1814. 4to. 81 p.

In the Herbarium Library are also the minor papers on the Flora of Australia, e.g., Botanical Appendix to Capt. Charles Sturt's Narrative of an Expedition to Central Australia.

SWEET. Flora Australasica, or a selection of handsome or curious plants, natives of New Holland, and the South Sea Islands. One volume. London. 1827-28. 8vo.

ENDLICHER. I. Prodrum Flora Norfolkicæ, a catalogue of the plants collected in Norfolk Island in 1804-06, and figured by Bauer. Vienna. 1838. 8vo.

II. Stirpium australasicarum decades tres. Vienna. 1838. 4to.

LINDLEY. Vegetation of Swan River Colony. Appendix of the index volume of Edward's Botanical Register. London. 1840. 8vo.

HOOKE, J. D. The Botany of the Antarctic voyage of H. M. discovery ships Erebus and Terror, in the years 1839-1843, under the command of Capt. Sir James Clark Ross. Comprising,

I. Flora Antarctica. Pt. 1. Botany of Lord Auckland's group, and Campbell's Island. Pt. 2. Botany of Fuegia, the Falklands, Kerguelen's Land, etc. London. 1847. 4to.

II. Flora Novæ Zelandiæ. Pt. 1. Flowering plants. Pt. 2. Flowerless plants. London. 1853-66. 4to.

III. Flora Tasmaniæ. Vol. i. Dicotyledones. Vol. ii. Monocotyledones et Cryptogamia. London. 1853-60. 4to.

These six volumes contain about 8,000 species in all; and 530 plates, illustrating 1,095 species.

The introductory essays deal with the important questions of variation in the vegetable kingdom, and of distribution of plants in area and in time. The relations of the Australian flora to that of the nearest continent are discussed in Vol. I. of Pt. iii.

MUELLER. Fragmenta Phytographiæ Australiæ. Melbourne. 1868-77. 8vo. 10 vols.

II. Descriptive notes on Papuan plants. Pt. 1. Melbourne. 1875. 8vo. 119 p.

III. The Vegetation of the Chatham Islands. Melbourne. 1874. 8vo. 86 p. 7 plates.

IV. Plants indigenous to the Colony of Victoria. Melbourne. 1860-68.

BENTHAM and MUELLER. Flora Australiensis. A description of the plants of the Australian territory. London. 1863-78. 7 vols. *Ranunculaceæ-Filices*. To this work is prefixed Mr. Bentham's Outlines of Botany, identical with the notes accompanying his other colonial floras.

SEEMANN. Flora Vitiensis. A description of the plants of the Viti or Fiji Islands, with an account of their history, uses, and properties. London. 1865-78. 4to. 453 p. 100 plates. With a life of the author. H.

HOOKER. Handbook of the New Zealand Flora. A systematic description of the native plants of New Zealand, and the Chatham's, Kermadec's, Lord Auckland's, Campbell's, and Macquarie's Islands. London. 1864. 8vo. 392 p. *Ranunculaceae-Lycopodiaceae*.

FLORA OF EUROPE.

The two following works deal with the plants of Europe in general.

POIRET. Histoire philosophique, littéraire, économique des plantes de l'Europe. Paris, 1825-29. 8vo. 8 vols.

NYMAN. I. Sylloge florae Europae. Orebro. 1854-65. 8vo.

II. Conspectus Florae Europaeae. *Ranunculaceae—Pomaceae*. Orebro. 1878. 8vo.

The special floras of Europe are grouped below in the order arranged by Jessen in Pritzel's Thesaurus.

SECTION I. MEDITERRANEAN.

1. SPAIN AND PORTUGAL.

LOEFLING. Reise nach den Spanischen Ländern in Europa und America in den Jahren 1751 bis 1756. Berlin. 1766. 8vo. Containing a description of many Spanish plants.

LAGASCA. Genera et species plantarum, quae aut novae sunt, aut nondum recte cognoscuntur. Madrid. 1816. 4to.

WEBB. I. Iter Hispaniense, or a Synopsis of plants collected in the southern provinces of Spain and in Portugal, with geographical remarks, and observations on rare and undescribed species. Paris. 1838. 8vo. 80 p.

II. Otia hispanica, seu Delectus plantarum rariorum per Hispanias sponte nascentium. London. 1839. fol.

BOISSIER. Elenchus plantarum novarum minusque cognitarum, quas in itinere hispanico legit. Geneva. 1838. 8vo. 94 p. Descriptions of some plants of Southern Spain.

LANGE. Pugillus plantarum imprimis hispanicarum, quas in itinere 1851-52 legit Joh. Lange. i-iv. Copenhagen. 1860-65. 8vo. 399 p., with plates.

2. ITALY.

CESATI. Stirpes italicae rariores vel novae, descriptionibus iconibusque illustratae. Milan. 1840. fol. 8 fascicles.

BERTOLINI. Flora italica, sistens plantas in Italia et insulis circumstantibus sponte nascentes. Bologna. 1833-54. The Herbarium has the first nine of the ten volumes, comprising all the Linnæan classes except Monoecia Polygamia.

GUSSONE. Floræ Siculae synopsis. Naples. 1842-45. 3 vols. 8vo. After the Linnæan system.

PARLATORE. Flora italiana, ossia Descrizione delle piante che crescono spontanee e vegetano come tali in Italia e nelle isole ad essa aggettanti disposta secondo il metodo naturale. Florence. 1860. 4 vols. 1 part published in 1875.

CARUEL. Prodromo della Flora Toscana. Florence. 1860. 8vo. 767 p. *Ranunculaceae-Gramineae*. With Supplements I.-II.

Florula di Montecristo. Milan. 1864. A catalogue of 38 pages.

Statistica Botanica della Toscana, ossia saggio di studi sulla distribuzione geografica delle piante Toscane. Florence. 1871. 872 p.

3. GREECE AND TURKEY.

SIBTHORP. I. Floræ græcæ prodromus, sive plantarum omnium enumeratio quas in provinciis aut insulis Græciæ invenit Joh. Sibthorp. Characteres et Synonyma omnium cum adnotationibus elaboravit Jac. Ed. Smith. London. 1806-1818. 2 vols. 8vo. L. H.

II. Flora græca, sive plantarum rariorum historia, quas in provinciis aut insulis Græciæ legit, investigavit et depingi curavit Johannes Sibthorp. Hic illic etiam insertae sunt pauculae species quas vir idem clarissimus, Graeciam versus navigans, in itinere praesertim apud Italiam et Siciliam, invenit. Characteres omnium, descriptiones et synonyma elaboravit Jac. Ed. Smith. London. 1806-40. L. H.

This work was a posthumous one, executed under the provisions of the author's will. Thirty copies of the first seven volumes were printed under the editing of James Edward Smith, that being the number of the original subscribers; but death or other causes had diminished the number, so that of the last three volumes, issued under John Lindley's direction, the edition was only twenty-one copies. It would otherwise seem that the long term over which its publication extended, had occasioned some fragments of the entire work to be printed without corresponding completions, and in 1846 enough was re-issued under Henry J. Bohn's care, to render an additionally small number of copies available (perhaps not exceeding forty in all), which were now sold at sixty guineas, the original price having been £264. These later copies are exactly like the earlier in text and imprint, though perhaps inferior in the coloration of the plates. The re-issued portions are distinguishable by the dates in the water-mark of the paper. The engraving of the 966 plates was all done by the noted Bauer. In both issues, the number of copies was restricted to absolute subscribers, such having been the provisions of Sibthorp's will.

The copy in the College library was bought with the money bequeathed by the late James Brown, Esq., that in the Herbarium library was the gift of John Amory Lowell, Esq. A third copy in the library of the Boston Society of Natural History was the gift of Benj. D. Green, Esq. The Massachusetts Horticultural Society, Boston, has likewise a copy. There are also copies in the Astor library and library of Congress.

For a full account of the subject see Pritzel's notice in Leipziger Repertorium (Gersdorf). 1847. v. 83. p. 258-261.

VISIANI. Stirpium dalmaticarum specimen. Padua. 1826. 4to. 57 p. 8 plates.

SECTION II. CENTRAL EUROPE.

1. FRANCE.

MAGNOL. Botanicum Mompeliense. Sive plantarum circa Mompelium nascentium index. Montpellier. 1686. 12mo. 309 p.

TOURNEFORT. Histoire des plantes, qui naissent aux environs de Paris. Paris. 1698. 12mo.

GOUAN. I. Hortus regius Mompeliensis, sistens plantas tum indigenas tum exoticas Nr. 2200, etc. Leyden. 1768. 8vo. 548 p.

II. Flora Mompeliaca. Leyden. 1765. 8vo. 343 p. 3 plates.

DE LAMARCK and DE CANDOLLE. La Flore française ou description succincte de toutes les plantes,

qui croissent naturellement en France. Paris. 1806. 3d edition. 4 vols. The Herbarium has two copies.

JAUME ST-HILAIRE. Plantes de la France décrites et peintes d'après nature. Paris. 1808. 8vo. 4 vols.

DE LAMARCK and DE CANDOLLE. Synopsis plantarum in Flora gallica descriptarum. Paris. 1806.

LOISELEUR DESLONGCHAMPS. Flora gallica, seu enumeratio plantarum in Gallia sponte nascentium secundum Linnaeanum systema digestarum, addita familiarum naturalium synopsi. Liège. 1806. 8vo. 2 vols.

GODRON. Flore de Lorraine (Meurthe, Moselle, Meuse, Vosges). Nancy. 1843. 8 vols.

COSSON and GERMAIN. 1. Flore descriptive et analytique des environs de Paris, ou description des plantes qui croissent spontanément dans cette région, et de celles qui y sont généralement cultivées. Paris. 1845; also second edition, 1861.

II. Atlas de la Flore des environs de Paris. Paris. 1845. 8vo. Containing plates of the more difficult genera of the Paris Flora.

GRENIER and GODRON. Flore de France, ou description des plantes qui croissent naturellement en France et en Corse. Paris. 1847-48, but given on the title-page 1848. 8vo. 3 vols.

2. HOLLAND AND BELGIUM.

LOBELIUS. 1. Plantarum seu stirpium historia. Antwerp. 1576. 4to.

II. Icones stirpium seu plantarum tam exoticarum quam indigenarum. Antwerp. 1591.

MOLKENBOER and KERBERT. Flora Leidensis, sive Elenchus plantarum spontanearum phanerogamicarum quae hucusque prope Lugd. Batavorum repertae sunt, secundum ordines naturales digestus. Leyden. 1840.

CRÉPIN. Guide du Botaniste en Belgique (plantes vivantes et fossiles). Brussels and Paris. 1878. 12mo. 495 p.

3. GERMANY.

The libraries at the Herbarium and at Gore Hall contain many of the more rare ante-Linnaean works on descriptive botany. The copies in most cases are in excellent preservation, and complete. The following are placed by Jessen in the first section of the German Flora (veteres), but, curiously enough, no second section is made, or rather no line is drawn between the old and the new.

BRUNFELS. Herbarum vivae eicones ad naturae imitationem summa cum diligentia et arteificio effigatae, etc., per Oth. Brunfels recens editae 1530. (1632.)

BOCK. (Tragus). Kräuterbuch weilandt des Weiterhünten undt hocherfarnen Herren Hieronymi Tragi genant Bock.

Edition under the care of SEBIZIUS. 1630.

FUCHS. De historia stirpium commentarii insignes maximis impensis et vigiliis elaborati, adiectis earundem vivis plusquam quingentis imaginibus, nunquam antea ad naturae imitationem arteficiosius effectis et expressis. (Basel.) 1442. fol. 896 p. 512 plates.

2. New Kreuterbuch, in welchem nit allein die gantz histori das ist, namen, gestalt, statt und zeit der wachsung, natur, kraft und würckung des meysten theyls der kreuter so in teuschen und andern landen wachsen, mit dem besten vleiss beschriben, sonder auch aller derselben wurtzel,

stengel, bletter, blümen, samen, frucht, und in summa die gantze gestalt also artlich und kunstlich abgebildet und kontrafayt ist, das dessgleichen vormals nie gesehen noch an tag kommen. Basel. 1543. fol.

Nothing can give a clearer notion of the comprehensive nature of the older botanical treatises than the above title, taken literally from one of the representative works.

LOESELIIUS. Flora Prussica, sive plantae in regno Prussiae sponte nascentes. (Königsberg.) 1708. 4to. Edited by Gottsched.

Post-Linnaean works.

SCHOLLER. Flora Barbiensis. In usum seminarii fratrum. Leipsic. 1775. 8vo. 310 p.

SCHUMER. Botanisches Handbuch der mehrsten theils in Deutschland wildwachsenden theils ausländischen in Deutschland unter freiem Himmel ausdauernden Gewächse. Leipzig. 1808. 4 vols. 8vo.

MOENCH. Methodus plantarum horti botanici et agri Marburgensis a staminum situ describendi. Marburg. 1794. 8o.

ROEHLING. Deutschlands Flora, zum bequemen Gebrauche beim Botanisiren. Ed. 3. Frankfurt. 1828-39. 8vo.

STURM. Deutschland's Flora in Abbildungen nach der natur mit Beschreibungen. Nürnberg. 1798-1855.

In the Herbarium library the copy is very incomplete.

GMELIN. Flora Badensis alsatica.

SCHRAEDER. Flora germanica. Vol. i. Göttingen. 1806.

SPRENGEL. Flora Halensis tentamen novum. Halæ Sax. 1806. 8vo.

WAHLENBERG. Flora carpatorum principalium. Göttingen. 1814. M. L.

REICHENBACH. Flora germanica excursoria. Leipsic. 1830-33.

NEES v. ESENBECK JUN. Genera plantarum. Florae Germanicae iconibus et descriptionibus illustrata. Bonn. 1838-60. 8vo. 622 p.

A work to which, after the death of the author, Spenner, Putterlich, Schuizlein, Caspary, and Brandis have contributed.

MEYER, G. F. W. Chloris Hanoverana. Göttingen. 1836. 4to.

REICHENBACH, H. G. L. (and G. H.). Icones Florae germanicae et helveticae simul pedemontae, istriacae, dalmaticae, hungaricae, transylvanicae, borussicae, holisticae, belgicae, hollandicae, ergo mediae Europae, exhibens nuperrime detectis novitiis additis, collectionem compendiosam imaginum characteristicarum omnium generum et specierum, quas in sua Flora germanica excursoria recensuit auctor. Vol. 1-22. Leipsic. 1834-70. 4to. 2,800 plates. M. L.

ZENKER and SCHENCK. Flora von Thüringen. Jena. 1836-48.

After Zenker's death, the text was furnished partly by von Schlechtendal.

KOCH. Synopsis Florae germanicae et helveticae, exhibens stirpes phanerogamas rite cognitae, quae in Germania, Helvetia, Borussia, et Istria sponte crescunt atque in hominum usum copiosius coluntur. Frankfurt. 1837.

The Herbarium library has also the 2d and 8d editions.

GODRON. Flore de Lorraine. Nancy. 1848-45. 8vo.

4. SWITZERLAND.

(See the following in the list of German Floras: KOCH, Synopsi, and REICHENBACH, Flora, and the Icones.)

HALLER. I. Enumeratio methodica stirpium Helvetiae. Göttingen. 1742. fol.

II. Historia stirpium indigenarum Helvetiae inchoata. Berne. 1768. fol.

GAUDIN. Agrostologia Helvetica. Paris. 1811. 8vo.

WAHLENBERG. De vegetatione et climate in Helvetia septentrionale. T. 1812. 8vo.

GAUDIN. Flora Helvetica sive historia stirpium hucusque cognitarum in Helvetia et in tractibus conterminis aut sponte nascentium aut in hominis animaliumque usus vulgo cultarum continuata.

GODET. Flore du Jura, ou Description des plantes vasculaires qui croissent spontanément dans le Jura suisse et français, plus spécialement dans le Jura neuchâtelois. Neuchâtel. 1868. 8vo. 872 p.

5. AUSTRIA AND HUNGARY. (See also GERMANY.)

SCOPOLI. Flora Carniolica, exhibens plantas Carnioliae indigenas et distributas in classes, genera, species varietates, ordine Linneano. Vienna. 1760. 8vo. 607 p. M. L.

JACQUIN. Florae Austriacae sive plantarum selectarum in Austriacae Archiducatu sponte crescentium icones ad vivum coloratae et descriptionibus ac synonymis illustratae. Vienna. 1773-78. 5 fol. vols.

HOST. Synopsi plantarum in Austria provincisque adjacentibus sponte crescentium. Vienna. 1797. 8vo. 666 p.

Flora Austriaca. Vienna. 1827-31. 8vo. 2 vols.

SECTION III. NORTHERN EUROPE.

1. GREAT BRITAIN.

[The older works in this section, and which for want of space are not here enumerated, are for the most part in the library at Gore Hall.]

GERARDE. The Herball, or generall historie of plantes. London. 1597. fol. 1892 p. L.

RAY. (1660-90.) The works of this author are at the Herbarium.

HUDSON. Flora Anglica. London. 1762. 8vo.

WITHERING. Arrangement of all the vegetables naturally growing in Great Britain. Birmingham. 1778. 8vo.

CURTIS. Flora Londinensis. London. 1777-87. fol., plates. M. L.

OWERBY (and SMITH). English Botany, or coloured figures of British plants with their essential characters, synonyms, and places of growth, to which will be added occasional remarks by James Edward Smith and James Sowerby. 36 vols. London. 1790-1814. 2592 plates. M. L.

The new edition by J. T. B. Syme and Mrs. Lankester is also at the Herbarium.

SMITH, (James Edward). The English Flora. London. 1824-36. 5 vols.

2. A Compendium of the English Flora. London.

HOOKE, W. J. The British Flora.

MACKAY. Flora Hibernica. Dublin. 1886. 8vo.

LEIGHTON. A Flora of Shropshire. London. 1841. 8vo.

BABINGTON. Manual of British Botany. London. 1848. 8vo.

Three editions at the Herbarium.

LOUDON. An Encyclopedia of plants, comprising the description of the specific character, culture, history, application in the arts and every other desirable particular respecting all the plants indigenous to, cultivated in or introduced into Britain; with figures of nearly 1000 species; the specific characters by Professor Lindley; the drawings by J. D. C. Sowerby; the engravings by R. Brauston, London.

BROMFIELD. Flora Vectensis. London. 1856. 8vo.

The plants of the Isle of Wight.

BENTHAM's Outlines introductory to local Floras can be found prefixed to his colonial Floras, and to The Handbook of the British Flora, a description of the flowering plants and ferns indigenous to or naturalized in the British Isles. For the use of beginners and amateurs. London. 1858. 8vo.

HOOKE, J. D. The student's Flora of the British Islands. London. 1870. Edition 1st and 2d. M.

2. SCANDINAVIA.

LINNÉ. Flora Lapponica. Amsterdam. 1787. 8o.

Flora Suecica. Stockholm. 1745.

OEDER. (Flora Danica). Icones plantarum sponte nascentium in regnis Daniae et Norvegiae, in ducatibus Slesvici et Holsaticae, et in comitatibus Oldenburgi et Delmenhorstiae, ad illustrandum opus de iisdem plantis regio jussu exarandum, Florae danicae nomine inscriptum. Vol. i.-xvi. Copenhagen. 1761-1871. fol. Containing 2,880 colored plates.

WAHLENBERG. I. Flora Lapponica. Berlin. 1812. 8vo.

II. Flora Upsaliensis. Upsala. 1820. 8vo.

III. Flora Suecica. Upsala. 1824-6. 8vo.

FRIES. I. Flora Hollandica. Lund. 1817. 8vo.

II. Novitiae Florae Suecicae. Lund. 1828. M. L.

III. Flora Scanica. Upsala. 1835. 8vo.

WIKSTRÖM. Stockholm's Flora. 1. Stockholm. 1840.

LANGÉ. Haandbog i den Danske Flora. Copenhagen. 1857. 8vo., and edition 8d.

BLYTT. Norges Flora. Christiania. 1861. 8vo.

SCHUEBELER. I. Die Kulturpflanzen Norwegens. Christiania. 1862. 4to.

2. Synopsis of the vegetable products of Norway. Christiania. 1862. 4to.

3. RUSSIA. (See also WESTERN ASIA.)

PALLAS. Flora Rossica.

LEDEBOUR. I. Icones plantarum novarum.

II. Flora Rossica. M. L.

APPENDIX.

BOTANICAL HANDBOOKS FOR TOURISTS.

The following short list comprises useful works for the determination of the flowering plants of the regions specified below. For Local Floras, and for more extensive works, consult the lists already given.

UNITED STATES.

I. NORTH.

Manual of the Botany of the Northern United States, including the district east of the Mississippi and north of North Carolina and Tennessee, arranged according to the natural system. By Asa Gray, Fisher Professor of Natural History in Harvard University. New York. 8vo.

II. SOUTH.

Flora of the Southern United States: containing abridged descriptions of the flowering plants and ferns of Tennessee, North and South Carolina, Georgia, Alabama, Mississippi, and Florida, arranged according to the natural system. By A. W. Chapman, M.D. The Ferns by Daniel C. Eaton. New York. 8vo.

The two following works contain descriptions of the plants growing east of the barren western plains, both North and South. In the second, the descriptions are much abridged:—

Class Book of Botany. By Alphonso Wood. New York. 8vo.

American Botanist and Florist. By Alphonso Wood. New York. small 8vo.

III. WEST.

Colorado.

Synopsis of the Flora of Colorado. By Thos. C. Porter and John M. Coulter. Washington. 8vo. (Miscellaneous Publications, no. 4, of Professor Hayden's Geological and Geographical Surveys of the Territories.)

Utah and Nevada.

United States Geological Exploration of the Fortieth Parallel. Clarence King, Geologist in charge. Botany by Sereno Watson, aided by Professor D. C. Eaton and others. Washington. 4to.

California.

Botany. Vol. I. Polypetalæ by W. H. Brewer and Sereno Watson. Gamopetalæ, by Asa Gray. Cambridge. 4to. (Uniform with the publications of the Geological Survey of California.)

THE BRITISH ISLANDS.

1. Manual of British Botany. By Charles C. Babbington, F. L. S. London. small 8vo.

2. Handbook of the British Flora; a description of the flowering plants and ferns indigenous to, or naturalized in, the British Isles. For the use of beginners and amateurs. By George Bentham, F.L.S. London. 8vo.

3. The Student's Flora of the British Islands. By Sir J. D. Hooker, Director of the Royal Gardens, Kew. London. small 8vo.

FRANCE.

Flore des Environs de Paris. By Cosson and Germain de Saint-Pierre. Paris. 8vo.

SWITZERLAND

Flore analytique de la Suisse. Vademecum du botaniste. By P. Morthier. Paris and Neuchâtel. 12mo.

GERMANY.

Synopsis floræ germanicæ et helveticæ, exhibens stirpes phanerogamas et vasculares, cryptogamas rite cognitæ, quæ in Germania, Helvetia, Borussia et Istria sponte crescunt atque in hominum usum copiosius coluntur: (auctore D. Guil. Dan. Jos. Koch). Leipzig. 8vo.

Also published in the German language.

ITALY.

Prodromo della flora Toscana, di Teodoro Caruel. Florence. 8vo.

THE EAST.

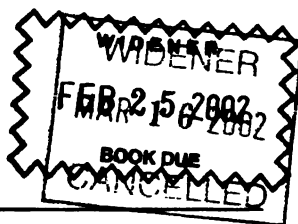
Flora orientalis sive Enumeratio plantarum in oriente a Graecia et Aegypto ad Indiae fines hucusque observatarum auctore Edmund Boissier. Basle. 8vo. The parts already published extend through the order *Borraginaceæ*.



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